

Message

From: Burns, Ward [Burns.Ward@epa.gov]
Sent: 2/5/2021 3:57:30 PM
To: R7 Biofuel News [r7biofuelnews@epa.gov]
Subject: FW: GoodFuels, GoodShipping and marine biofuels; Multi-Slide Guide to NREL's Biomass Deconstruction Process

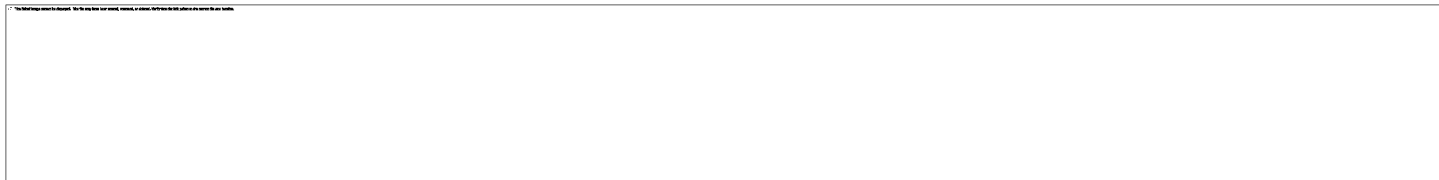
From: Jim Lane, The Digest <jlane@biofuelsdigest.ccsend.com> **On Behalf Of** Jim Lane, The Digest
Sent: Friday, February 05, 2021 7:51 AM
To: Burns, Ward <Burns.Ward@epa.gov>
Subject: GoodFuels, GoodShipping and marine biofuels; Multi-Slide Guide to NREL's Biomass Deconstruction Process



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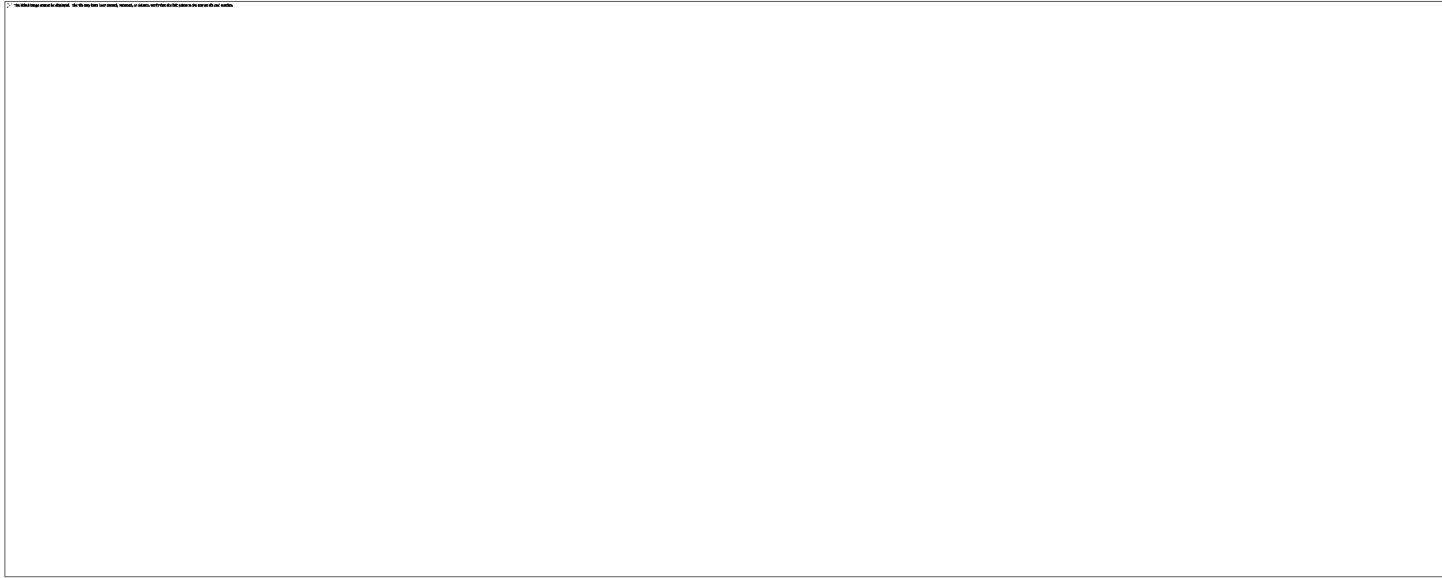


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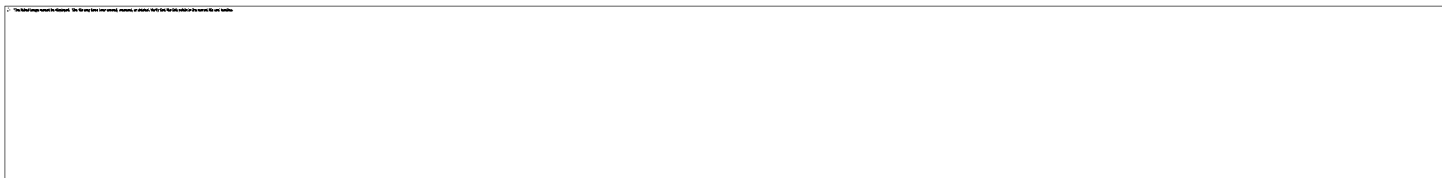
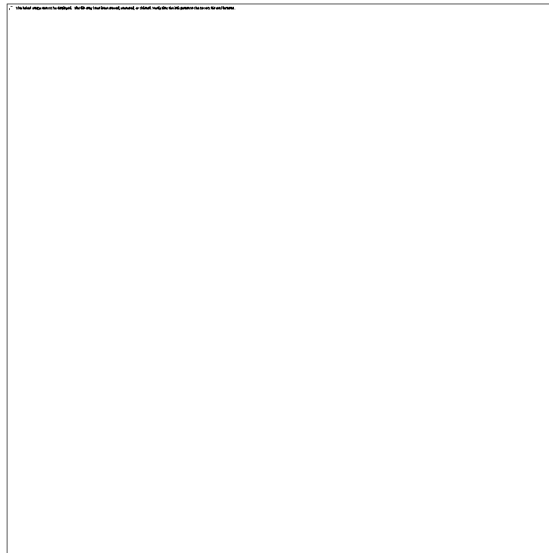
[IOWA has biomanufacturing mastered - click to learn more.](#)

Competitive Edge



Dirk Kronemeijer, CEO of GoodFuels / GoodShipping - GoodNRG Group told The Digest that while GoodFuels focuses on marine biofuels and “currently we are a world market leader in this fast-growing segment with the top 50 of the world’s shipping companies as clients,” GoodShipping focuses on decarbonization ‘insetting’ service for transport.

In today’s Digest, from creating Bio Fuel Oil and Bio Distillate marine fuel, and the decarbonization of shipments for IKEA, Volkswagen, BMW, DHL, get the latest on GoodFuels and GoodShipping, their Top 3 milestones - past and future, and their competitive edge – ready for you now at The Digest online.



[Breaking Barriers, Pushing Standards, Adding Value to Your Bottom Line - Lallemand Biofuels & Distilled Spirits - click here to learn more](#)

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[Clariant - Cellulosic ethanol from agricultural residues - think ahead, think Sunliquid.](#)

Multi-Slide Guide

Biochemical, Deacetylation and Mechanical Refining Process: The Digest's 2020 Multi-Slide Guide to NREL's Biomass Deconstruction

What does an ideal biomass deconstruction process need? [Find out in this illuminating slide guide from Xiaowen Chen, Senior Chemical Engineer](#) in the Catalytic Carbon Transformation and Scale-up Center at National Renewable Energy Laboratory. Also take a peek into NREL's deacetylation and mechanical refining process, how it improves fermentation yields, and more...[and it's ready for you now at The Digest online.](#)

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[Praj Enfinity - 2nd Gen Ethanol Technology - multi-feed, multiproduct smart bio-refineries- click for more information](#)

[Leaf – Building a sustainable future together – Click here to learn more](#)

The Latest News

Aemetis chooses Kock Project Solutions for its Carbon Zero 1 projects

In California, Aemetis has engaged Koch Project Solutions, LLC to provide front-end engineering, design and project execution management services for expansion projects being built by Aemetis. The Aemetis “Carbon Zero 1” renewable fuel and renewable diesel plant has a planned capacity of about 23 million gallons per year.

NetJets invests in and secures 100 million gallons of SAF offtake from WasteFuel

In Ohio, NetJets has made a significant investment in WasteFuel, a next generation waste to fuel company that aims to transform landfill waste into sustainable aviation fuel (SAF), making it the first private aviation company to buy a stake in the production of sustainable aviation fuel.

Sens. Thune and Klobuchar reintroduce Adopt GREET Act

In Washington, U.S. Sens. John Thune (R-S.D.) and Amy Klobuchar (D-Minn.) reintroduced the Adopt GREET Act, legislation that would require the Environmental Protection Agency (EPA) to update its greenhouse gas modeling for ethanol and biodiesel.

AltEn under fire for using pesticide-treated seed corn as feedstock

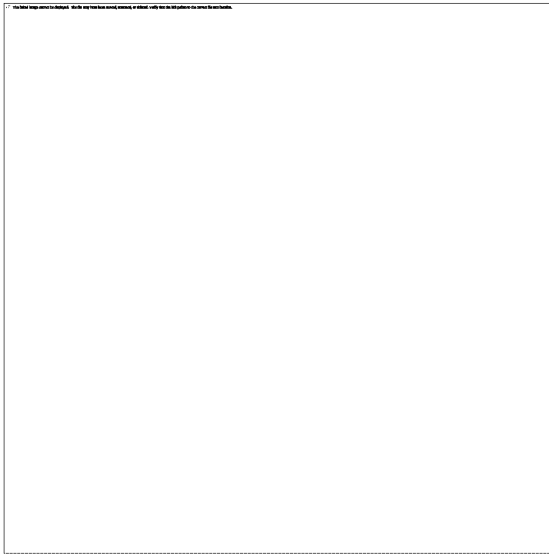
In Nebraska, the Omaha World Herald newspaper reports that the AltEn ethanol plant in Mead is the target of a new bill being introduced into the state legislature that would ban it from using pesticide-treated seed corn as feedstock.

Mainstream Pine Products to invest \$90M in crude tall oil biorefinery in Charleston

In South Carolina, Mainstream Pine Products, LLC, announced plans for an estimated \$90 million crude tall oil (CTO) biorefinery at the Charleston International Manufacturing Center (CIMC) in Berkeley County.

Marathon Petroleum deep into RD conversion projects

In Ohio, Platts reports that Marathon Petroleum is running full steam ahead on its two renewable diesel conversion projects as it embraces cleaner fuels to fill market demand, primarily in California. The Dickinson, North Dakota facility began producing renewable diesel this quarter and should reach its nameplate capacity of 12,000 bpd by the end of Q1, with most of the fuel expected for the California market.



[NextChem - renewable diesel technology - fuel for business, fuel for thought](#)



[BTG Bioliquids - we replace fossil fuels — click here to learn more about our leading pyrolysis technology](#)

Policy News

EPA administrator nominee wants to consult general counsel before deciding on SREs

In Washington, [Reuters reports](#) that President Biden's pick for administrator of the Environmental Protection Agency told [the Senate committee](#) interviewing him for the role he needs to discuss the situation of small refinery exemptions with general counsel to understand the current legal intricacies of the case.

R&D News

Clariant teams with ETH Zurich on catalysis and sustainable chemistry for 10 years

In Switzerland, [Clariant has entered into a strategic partnership with ETH Zurich](#) spanning an initial period of ten years. It will support innovation in the area of catalysis as well as sustainable chemistry.

Industry Marketplace

[Leaf - fermentation solutions for ethanol and biobased chemicals](#)

[Axens - Powering Sustainable Future - click here to learn more.](#)

[Clariant - Cellulosic ethanol from agricultural residues - think ahead, think Sunliquid.](#)

[Iowa - Certified development sites ready - click to find out more](#)

[Novozymes - your industry partner- click here to learn more.](#)

[NextChem - Our renewable diesel technology, fuel for thought, fuel for business - click here to learn more.](#)

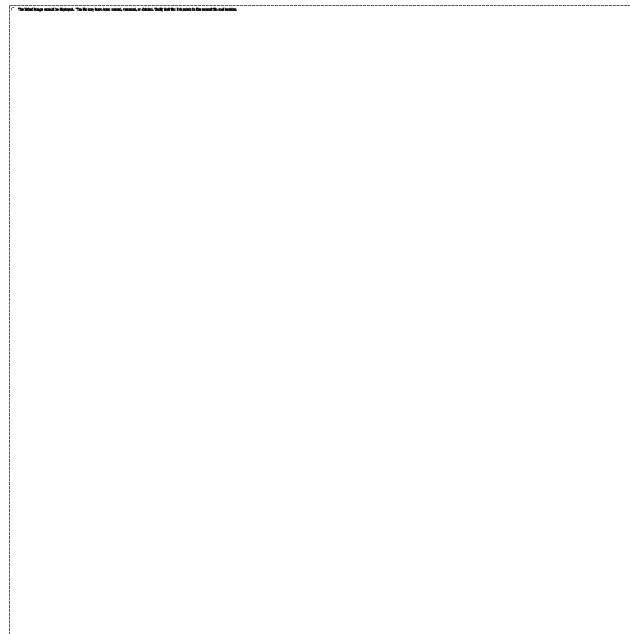
[Whitefox - ICE membranes — smoother operations, lower energy consumption, more gallons, more profit](#)

[Lallemand Biofuels & Distilled Spirits - Breaking Barriers, Adding Value to Your Bottom Line - click here to learn more](#)

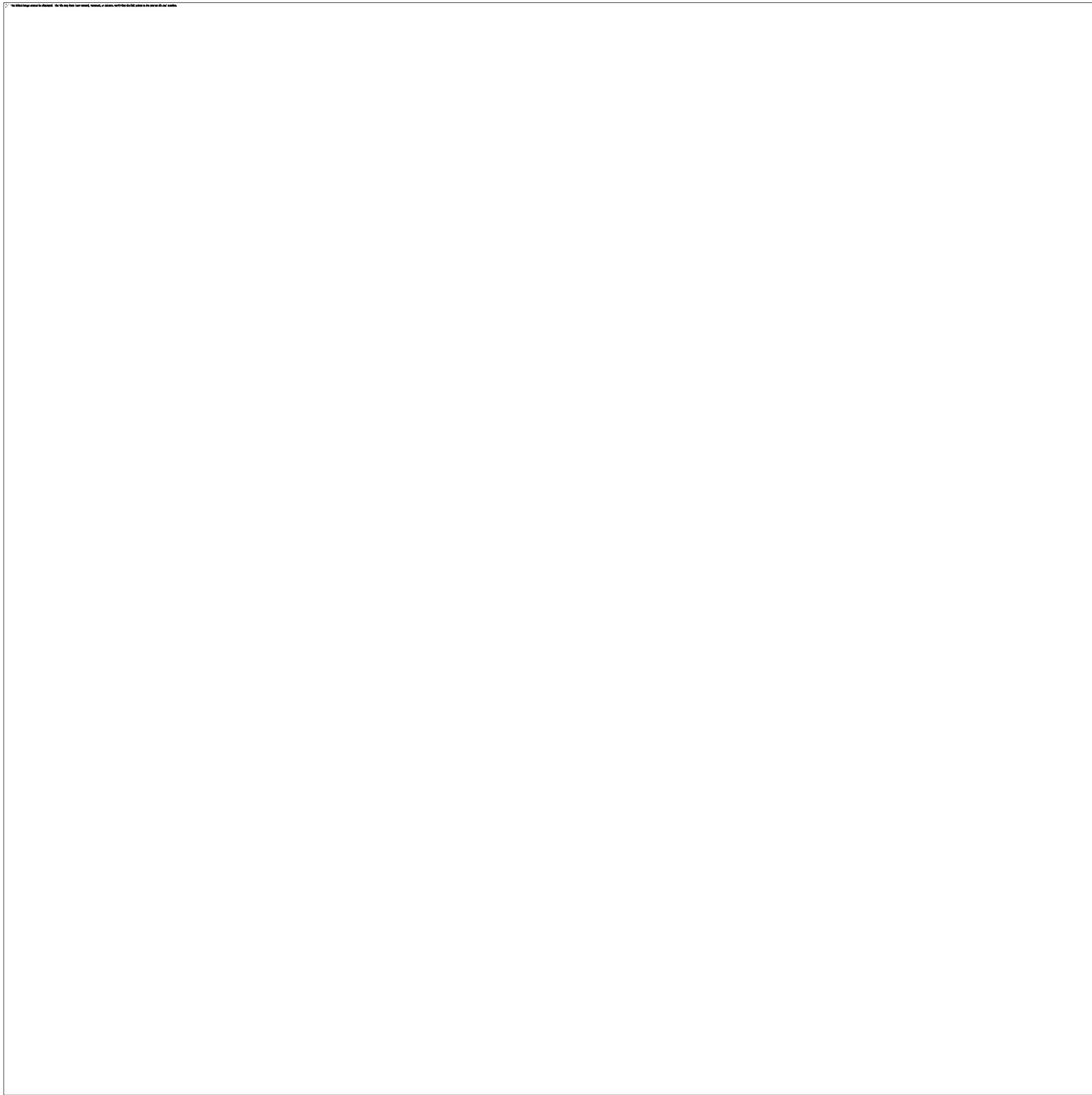
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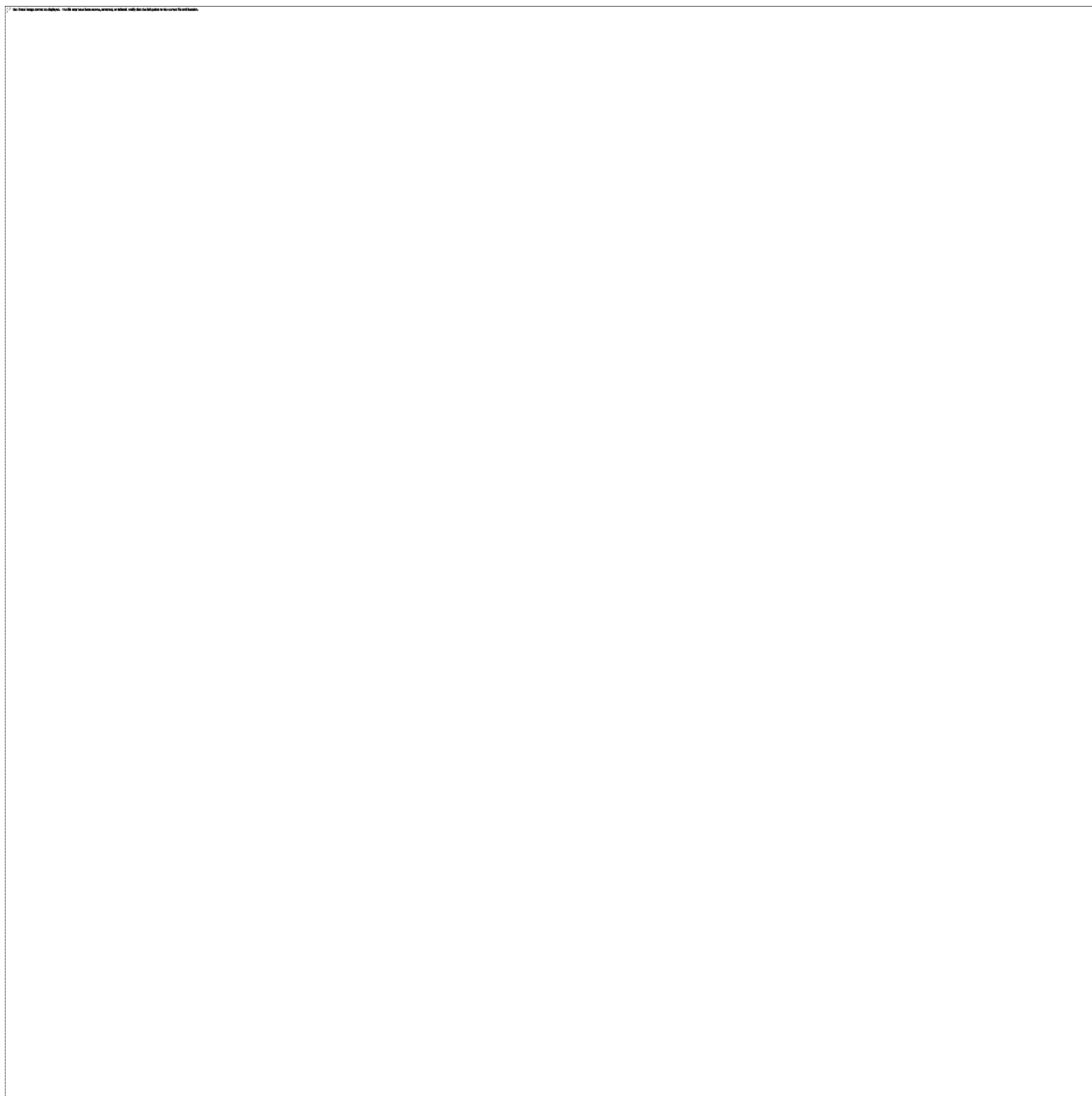
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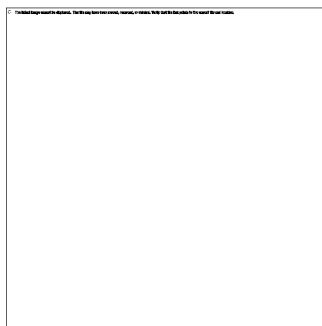
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